



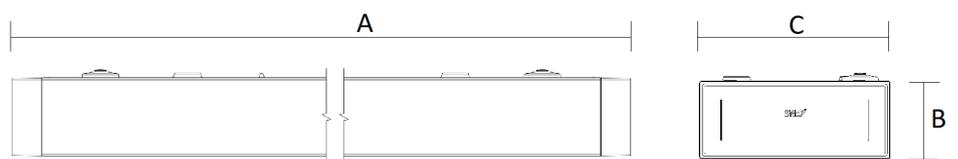
## SNEP<sup>®</sup> NOVEM - General lighting specialist.

SNEP<sup>®</sup> Novem provides utmost usability. It provides low glare light and efficiency e.g. to schools, libraries, offices and multiuse facilities.

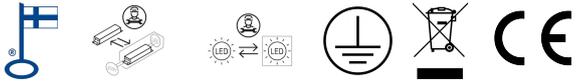
SNEP<sup>®</sup> Novem is an energy-efficient universal luminaire designed for public spaces, hospitals and offices. Excellent light efficiency, control options and material choices help reduce the carbon footprint without compromising light quality. Novem's optical solutions are the low glare louvre UGR<16 and the microprism UGR<19 or UGR<22, with which SNEP<sup>®</sup> Novem covers the lighting needs of different rooms according to the glare requirements. The luminaire can be equipped with a broad 120° uplight. The luminaire is manufactured in an environmentally friendly way in Finland.

## Product info

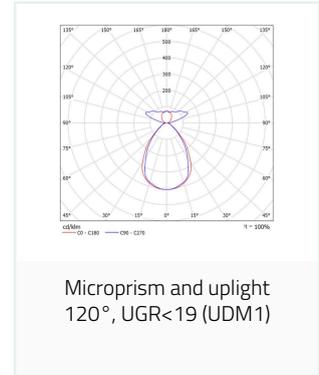
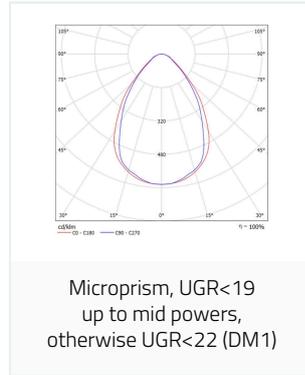
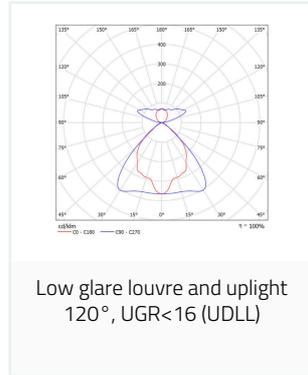
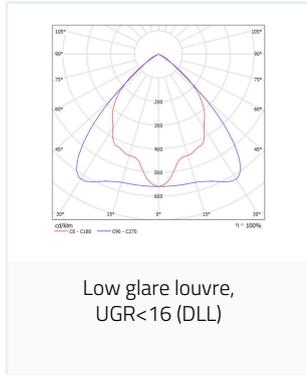
IP-class	IP20
Mechanical impact resistance (IK-class)	NA
Shielding class	I
Ambient temperature	Ta -25...+40°C
Voltage	200-240 Vac
Power Factor	>0.95
Frequency	0/50/60 Hz
Frame structure	Steel luminaire frame, end caps PC.
Colour	White RAL 9010
Optical cover / Optics	Low luminance louvre (UGR<16) or microprism (UGR<19 or UGR<22). Optional uplight 120°
CRI / CCT	<ul style="list-style-type: none"><li>3000K CRI &gt; 80</li><li>4000K CRI &gt; 80, MacAdam 3 SDCM</li><li>5000K CRI &gt; 80, MacAdam 3 SDCM</li><li>3000K CRI &gt; 90, MacAdam 3 SDCM</li><li>4000K CRI &gt; 90, MacAdam 3 SDCM</li><li>5000K CRI &gt; 90, MacAdam 3 SDCM</li><li>2700-6500K CRI &gt; 90, tunable white, MacAdam 3 SDCM</li></ul>
Electronics	<ul style="list-style-type: none"><li>On/Off</li><li>DALI</li><li>ActiveAhead gen2</li><li>Casambi</li><li>DALI DT8 (TW)</li><li>Casambi (TW)</li><li>Pull Switch Dim</li><li>ON/OFF 2*ECG</li><li>DALI 2*ECG</li><li>Pull Switch Dim Down light, DALI Up light 2*ECG</li><li>ActiveAhead gen2 down light, ON/OFF up light 2*ECG</li><li>DALI DT8 (TW) 2*ECG</li><li>Casambi (TW) 2*ECG</li><li>Philips MasterConnect Low Bay PIR and daylight sensor, SNS212MC, IP20</li><li>Philips MasterConnect control, SN412MC, IP20</li></ul>
Installation method	To the surface through luminaire frame, with accessories to lighting tracks, ceiling/junction box, wall, cable ladders or to 3-phase tracks.
Lumen maintenance	L80B50 100 000h
Failure rate	100 000h / 10 %
Warranty	5-years.
Length	A 1182 mm / 1462 mm/ 2320 mm, B 54 mm, C 132 mm



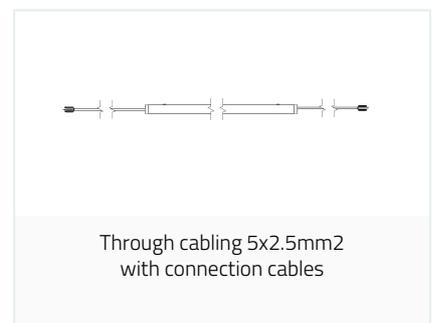
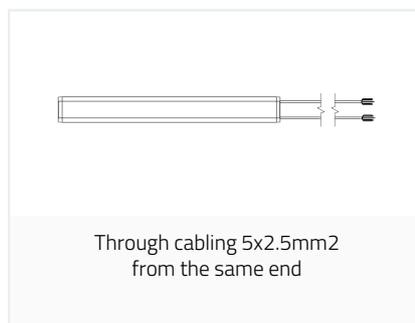
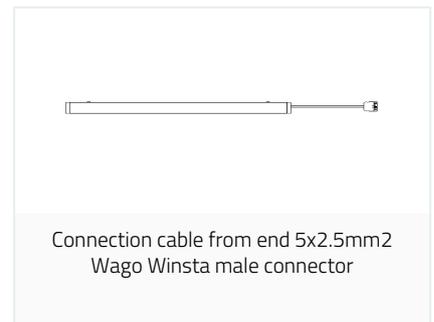
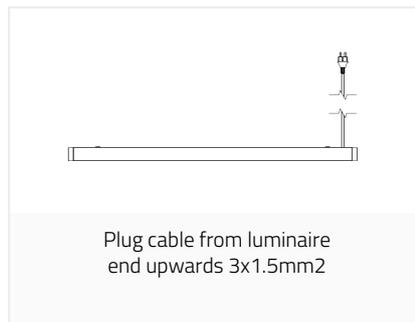
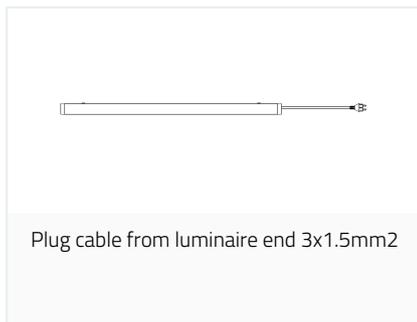
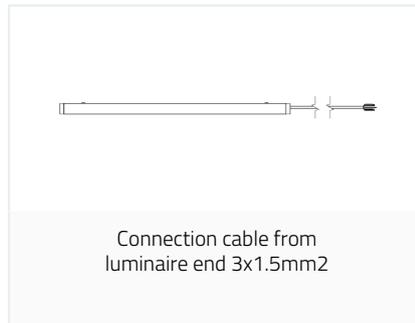
## Classifications



## Optics



## Connections

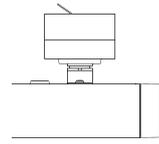




Through cabling with Wago Winsta connection cables from the same end 5x2.5mm<sup>2</sup>



Through cabling with Wago Winsta connection cables 5x2.5mm<sup>2</sup>



3-phase adapter

## Luminaires

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDLL	1182mm	132mm	54mm	3.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 UDLL	840HE 27W	3950	27	146	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDLL	840HE 36W	5200	36	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDLL	840HE 43W	6150	43	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDLL	840HE 54W	7550	54	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDLL	840HO 63W	8650	63	137	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDLL	1462mm	132mm	54mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 UDLL	840HE 31W	4600	31	148	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDLL	840HE 41W	6000	41	146	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDLL	840HE 49W	7100	49	145	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDLL	840HO 61W	8700	61	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDLL	840HO 72W	10000	72	139	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDLL	2320mm	132mm	54mm	6.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDLL	840HE 42W	6400	42	152	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HE 56W	8350	56	149	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HE 67W	9900	67	148	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HE 82W	11800	82	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HO 100W	13950	100	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDLL	2320mm	132mm	54mm	6.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDLL	840HE2 54W	7950	54	147	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HE2 72W	10400	72	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HO2 86W	12350	86	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HO2 104W	14650	104	141	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDLL	840HO2 127W	17350	127	137	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	DLL	1182mm	132mm	54mm	3.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 DLL	840HE 16W	2400	16	150	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DLL	840HE 22W	3150	22	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DLL	840HE 26W	3750	26	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DLL	840HE 33W	4600	33	139	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DLL	840HE 38W	5300	38	139	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	DLL	1462mm	132mm	54mm	3.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 DLL	840HE 20W	3000	20	150	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DLL	840HE 27W	3950	27	146	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DLL	840HE 32W	4700	32	147	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DLL	840HE 41W	5750	41	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DLL	840HO 47W	6600	47	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	DLL	2320mm	132mm	54mm	6.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 DLL	840HE 31W	4850	31	156	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 DLL	840HE 42W	6350	42	151	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

NOV24 DLL	840HO 50W	7500	50	150	-25°C...+40°C	L80B50 > 100 000h	100 000h / 10%
NOV24 DLL	840HO 64W	9200	64	144	-25°C...+40°C	L80B50 > 100 000h	100 000h / 10%
NOV24 DLL	840HO 75W	10550	75	141	-25°C...+40°C	L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDM1	1182mm	132mm	54mm	3.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 UDM1	840HE 27W	3850	27	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDM1	840HE 36W	5050	36	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDM1	840HE 43W	6000	43	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDM1	840HE 54W	7300	54	135	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 UDM1	840HO 63W	8400	63	133	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDM1	1462mm	132mm	54mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 UDM1	840HE 31W	4400	31	142	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDM1	840HE 41W	5800	41	141	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDM1	840HE 49W	6850	49	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDM1	840HO 61W	8400	61	138	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 UDM1	840HO 72W	9650	72	134	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDM1	2320mm	132mm	54mm	6.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDM1	840HE 42W	6150	42	146	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HE 56W	8050	56	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HE 67W	9550	67	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HE 82W	11350	82	138	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HO 100W	13400	100	134	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	UDM1	2320mm	132mm	54mm	6.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDM1	840HE2 54W	7700	54	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HE2 72W	10050	72	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HO2 86W	12000	86	140	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HO2 104W	14200	104	137	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 UDM1	840HO2 127W	16800	127	132	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	DM1	1182mm	132mm	54mm	3.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 DM1	840HE 16W	2300	16	144	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DM1	840HE 22W	3000	22	136	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DM1	840HE 26W	3550	26	137	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DM1	840HE 33W	4350	33	132	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV12 DM1	840HE 38W	5000	38	132	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	DM1	1462mm	132mm	54mm	3.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 DM1	840HE 20W	2850	20	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DM1	840HE 27W	3750	27	139	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DM1	840HE 32W	4450	32	139	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DM1	840HE 41W	5450	41	133	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV15 DM1	840HO 47W	6250	47	133	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 80	4000K	DM1	2320mm	132mm	54mm	6.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 DM1	840HE 31W	4600	31	148	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%
NOV24 DM1	840HE 42W	6000	42	143	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

NOV24 DM1	840HO 50W	7150	50	143	-25°C...+40°C	L80B50 > 100 000h	100 000h / 10%
NOV24 DM1	840HO 64W	8750	64	137	-25°C...+40°C	L80B50 > 100 000h	100 000h / 10%
NOV24 DM1	840HO 75W	10000	75	133	-25°C...+40°C	L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	DLL	1182mm	132mm	54mm	3.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 DLL	9TWHE 46W	5100	46	111	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	DM1	1182mm	132mm	54mm	3.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 DM1	9TWHE 46W	4850	46	105	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	DLL	1462mm	132mm	54mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 DLL	9TWHE 47W	5400	47	115	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	DM1	1462mm	132mm	54mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 DM1	9TWHE 47W	5100	47	109	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaire	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	DLL	2320mm	132mm	54mm	6.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 DLL	9TWHE 44W	5300	44	120	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	DM1	2320mm	132mm	54mm	6.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 DM1	9TWHE 44W	5050	44	115	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDLL	1182mm	132mm	54mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 UDLL	9TWHE 45W	5400	45	120	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDM1	1182mm	132mm	54mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV12 UDM1	9TWHE 45W	5250	45	117	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDLL	1462mm	132mm	54mm	3.9kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 UDLL	9TWHE 54W	6350	54	118	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDM1	1462mm	132mm	54mm	3.9kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV15 UDM1	9TWHE 54W	6150	54	114	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDLL	2320mm	132mm	54mm	6.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDLL	9TWHE 44W	5300	44	120	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDM1	2320mm	132mm	54mm	6.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDM1	9TWHE 44W	5100	44	116	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDLL	2320mm	132mm	54mm	7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDLL	9TWHE2 88W	10400	88	118	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® NOVEM	CRI > 90	2700-6500K	UDM1	2320mm	132mm	54mm	7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
NOV24 UDM1	9TWHE2 88W	10100	88	115	-25°C...+40°C		L80B50 > 100 000h	100 000h / 10%

\*Values are given in normal ambient temperature +25 °C

Power tolerance ±5% and luminous flux tolerance ±7%

Cable length from the luminaire +0...-10%

When designing actual group sizes one need to take into account at least the following: cabling, MCB installation environment and the loading of the MCB. Purso Oy is not responsible for the actual group sizes.